FIG15A Probes with No Target SEQ ID NO:19 SEQ ID NO:20
S-ATG-CTC-AAC-TCT TAG-GAC-TTA-CGC-S
FIG15B Half-Complementary Target
5' TAC-GAG-TTG-AGA-GAG-TGC-CCA-CAT 3'
S-ATG-CTC-AAC-TCT TAG-GAC-TTA-CGC-S
FIG15C Complementary Target SEQ ID NO:22
5' TAC-GAG-TTG-AGA-ATC-CTG-AAT-GCG 3' S-ATG-CTC-AAC-TCT TAG-GAC-TTA-CGC-S 1 2
FIG15D ONE Base-Pair Mismatch at Probe Head Tm=50.4°C
5' TAC-GAG-TTG-AGA-ATC-CTG-AAT-GCT 3' S-ATG-CTC-AAC-TCT TAG-GAC-TTA-CGC-S
FIG15E Tm=46.2°C
ONE Base-Pair Mismatch at Probe Tail
ONE Base-Pair Mismatch at Probe Tail 6 SEQ ID NO:24 5' TAC-GAG-TTG-AGA-CTC-CTG-AAT-GCG 3'
ONE Base-Pair Mismatch at Probe Tail SEQ ID NO:24
ONE Base-Pair Mismatch at Probe Tail 6 SEQ ID NO:24 5' TAC-GAG-TTG-AGA-CTC-CTG-AAT-GCG 3' S-ATG-CTC-AAC-TCT TAG-GAC-TTA-CGC-S 1 2 FIG15F ONE Base Deletion
ONE Base-Pair Mismatch at Probe Tail 6 SEQ ID NO:24 5' TAC-GAG-TTG-AGA-CTC-CTG-AAT-GCG 3' S-ATG-CTC-AAC-TCT TAG-GAC-TTA-CGC-S 1 2 FIG 15F ONE Base Deletion 7 SEQ ID NO:25 5' TAC-GAG-TTG-AGA-ATC-CTG-AAT-GC 3'
ONE Base-Pair Mismatch at Probe Tail 5' TAC-GAG-TTG-AGA-CTC-CTG-AAT-GCG 3' S-ATG-CTC-AAC-TCT TAG-GAC-TTA-CGC-S 1 2 FIG15F ONE Base Deletion 7 SEQ ID NO:24 Tm=51.6°C SEQ ID NO:25
ONE Base-Pair Mismatch at Probe Tail 5' TAC-GAG-TTG-AGA-CTC-CTG-AAT-GCG 3' S-ATG-CTC-AAC-TCT TAG-GAC-TTA-CGC-S 1 FIG15F ONE Base Deletion 7 SEQ ID NO:25 5' TAC-GAG-TTG-AGA-ATC-CTG-AAT-GC 3' S-ATG-CTC-AAC-TCT TAG-GAC-TTA-CGC-S 1 FIG15G FIG15G
ONE Base-Pair Mismatch at Probe Tail 6 SEQ ID NO:24 5' TAC-GAG-TTG-AGA-CTC-CTG-AAT-GCG 3' S-ATG-CTC-AAC-TCT TAG-GAC-TTA-CGC-S 1 2 FIG15F ONE Base Deletion 7 SEQ ID NO:25 5' TAC-GAG-TTG-AGA-ATC-CTG-AAT-GC 3' S-ATG-CTC-AAC-TCT TAG-GAC-TTA-CGC-S 1 2 FIG15G ONE Base-Pair Insertion 8 Tm=50.2°C SEQ ID NO:26
ONE Base-Pair Mismatch at Probe Tail 5' TAC-GAG-TTG-AGA-CTC-CTG-AAT-GCG 3' S-ATG-CTC-AAC-TCT TAG-GAC-TTA-CGC-S 1 FIG15F ONE Base Deletion 7 SEQ ID NO:25 5' TAC-GAG-TTG-AGA-ATC-CTG-AAT-GCD 3' S-ATG-CTC-AAC-TCT TAG-GAC-TTA-CGC-S 1 FIG15G ONE Base-Pair Insertion Tm=50.2°C

FIG. 16A 24 Bas

24 Base Template

48 Base Template with Complementary 24 Base Filler 6B FIG. 1 5' TAC-GAG-TTG-AGA-CCG-TTA-AGA-CGA-GGC-AAT-CAT-GCA-ATC-CTG-AAT-GCG 3' > S-ATG-CTC-AAC-TCT GGC-AAT-TCT-GCT-CCG-TTA-GTA-CGT TAG-GAC-TTA-CGC-S

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72 Base Template with Complementary 48 Base Filler FIG.16C τ-

